

FIG. 1

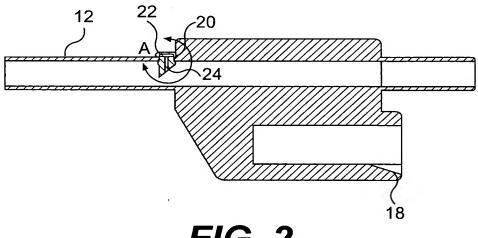


FIG. 2



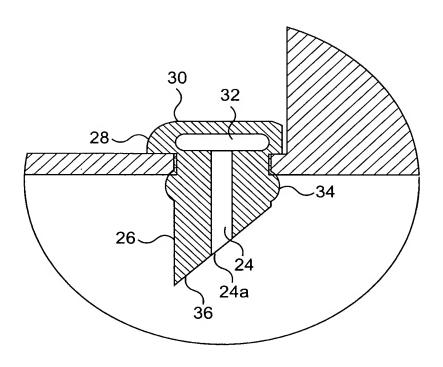
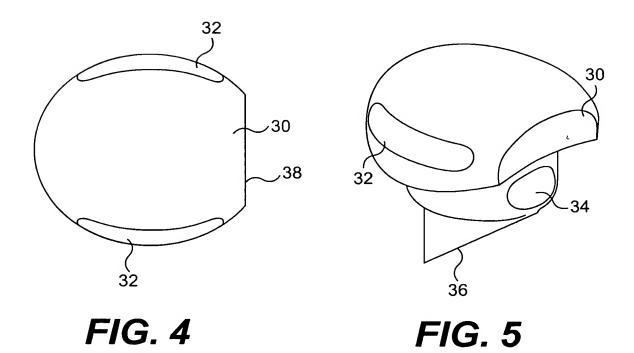
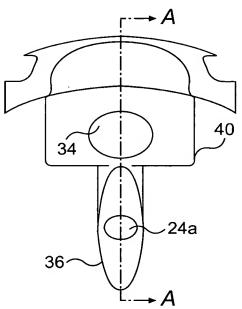
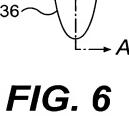


FIG. 3









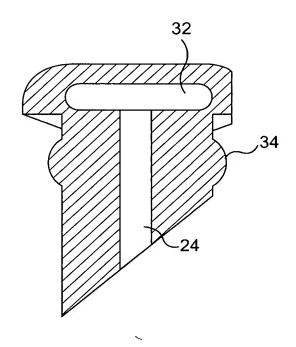


FIG. 7

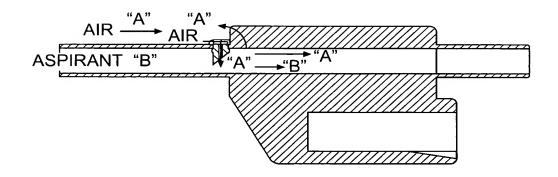
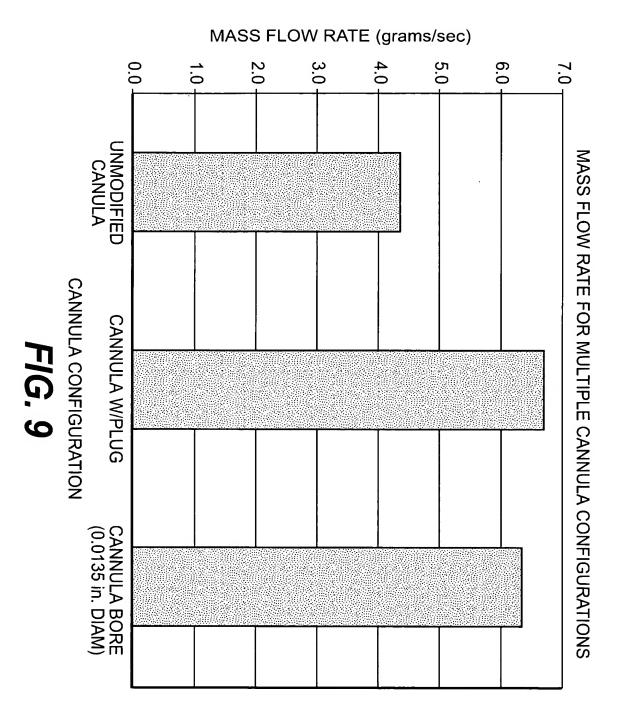


FIG. 8







TIME TO DRAIN (s)

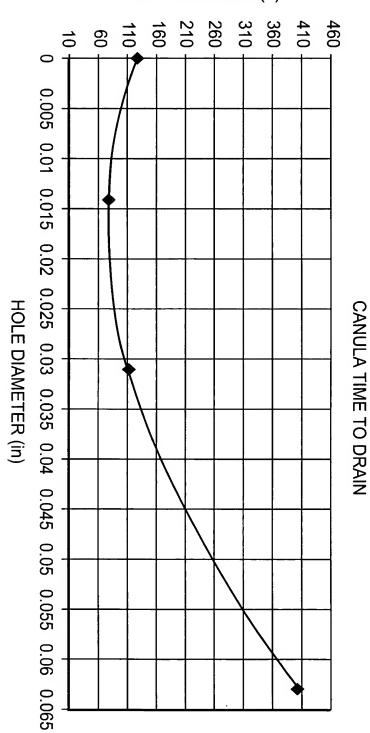


FIG. 10



FIG. 11

MASS FLOW RATE (g/s)

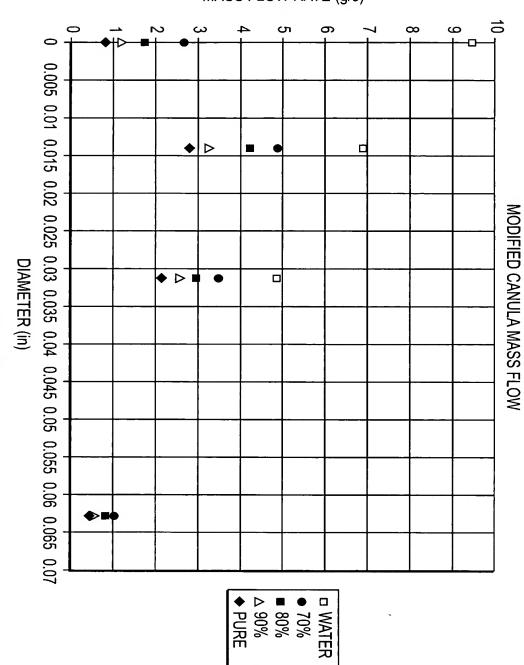
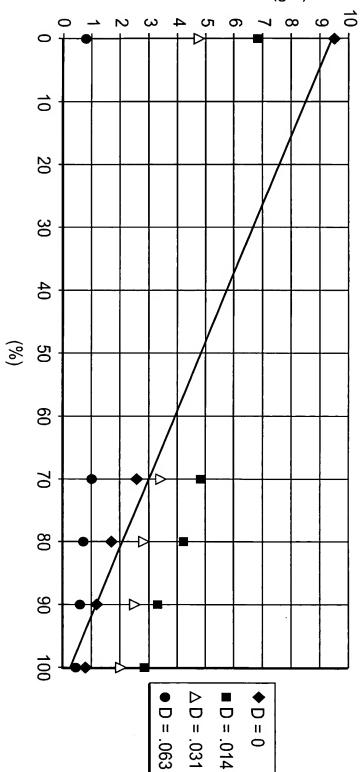




FIG. 12

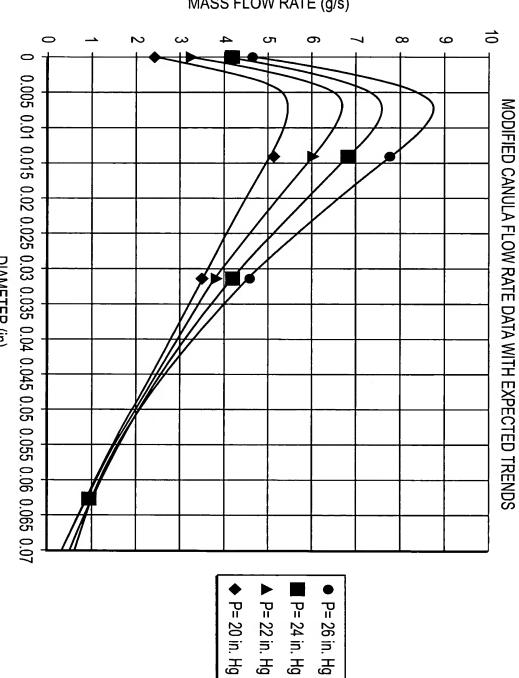




MODIFIED CANULA MASS FLOW RATE



MASS FLOW RATE (g/s)



DIAMETER (in)
FIG. 13



